

**DP60NH
DP70NH
DP80NH
DP100NH**



**READY
FOR WORK**

IC PNEUMATIC TIRE 6-10 TONS



PEAK PERFORMANCE IN DEMANDING APPLICATIONS

THE DP60NH-DP100NH SERIES OF IC PNEUMATIC TIRE LIFT TRUCKS IS ALL ABOUT HANDLING TOUGH JOBS - EASILY. WITH A COMFORTABLE OPERATOR COMPARTMENT AND PRECISE CONTROLS, GETTING THE JOB DONE IS SIMPLE.



PERFORMANCE

The engine in this truck provides high-power & low fuel-consumption for excellent productivity. This truck has one of the highest lift speeds in its class. It includes an Electronic Controlled Automatic Transmission that provides dependable travel control with a low effort single control lever.



SAFETY

This truck has many features that help provide a high level of safety. Includes a super-wide carriage that provides operators with excellent forward and fork tip visibility for greater security and enhanced productivity. Also has audible and visual warnings come standard, including a backup alarm.



DURABILITY

This truck is created for sure stopping power, even in an emergency. It has been designed to help deliver maximum uptime for some of the most difficult material handling challenges.



COMFORT AND ERGONOMICS

This truck provides the operator with generous headroom and plenty of foot and legroom for the best operator comfort. It includes automotive-type controls and a small diameter steering wheel – all to help reduce operator fatigue, while boosting operator confidence. Operators can ride in comfort with a seat that reclines and adjusts easily to match its operator's weight. It simplifies operator entry and exit with a convenient hand grip and an extra-wide 3-step entry that includes a non-skid step for sure footing.

PERFORMANCE & DURABILITY

- Engine provides high-power & low fuel-consumption for excellent productivity
- One of the highest lift speeds in its class
- Electronic Controlled Automatic Transmission provides dependable travel control with a low effort single control lever.
- Excellent stopping power, even in an emergency.
- Designed to help deliver maximum uptime no matter how difficult the challenge.

COMFORT AND ERGONOMICS

- This truck provides the operator with generous headroom and plenty of foot and legroom for the best operator comfort.
- Automotive-type controls and a small diameter steering wheel — all to help reduce operator fatigue, while boosting operator confidence.
- Operators can ride in comfort with a seat that reclines and adjusts easily to match its operator's weight.
- Simplifies operator entry and exit with a convenient hand grip and an extra-wide 3-step entry that includes a non-skid step for sure footing.
- Built to produce less noise for operator comfort.
- 85 db(A) (at operators ear, according to ISO)

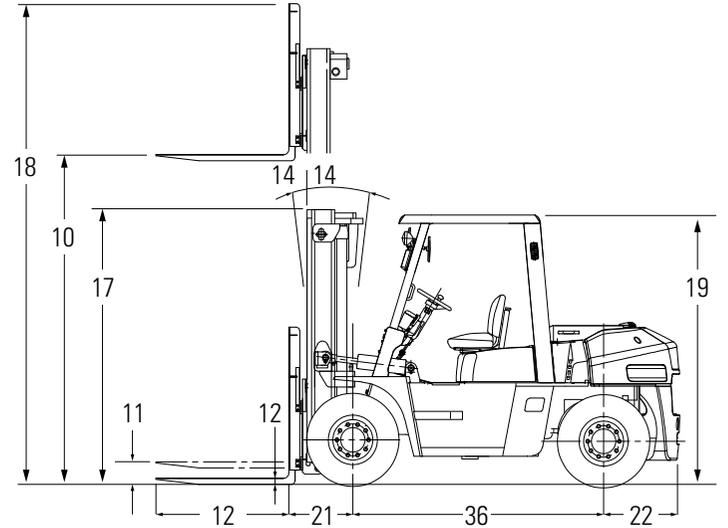
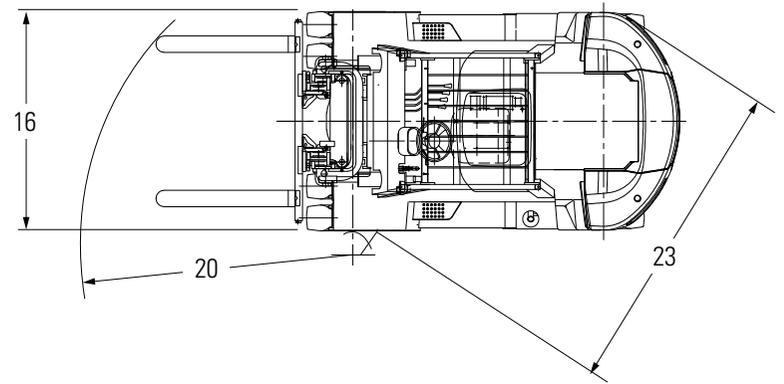
SAFETY

- Dependable design providing a high level of safety
- Super-wide carriage provides operators with excellent forward and fork tip visibility for greater security and enhanced productivity.
- Audible and visual warnings come standard, including a backup alarm.



Characteristics			
1	Capacity at rated load center	lb	kg
2	Capacity at load center - Distance	in	mm
3	Power - electric, diesel, gasoline or LP gas		
4	Tire type - cushion or pneumatic		
5	Wheels (x=driven) - number front / rear		
Dimensions			
6	Maximum fork height (top of fork)	in	mm
7	Free fork height	in	mm
8	Forks - thickness x length x width	in	mm
9	Fork spacing - out-to-out minimum / maximum	in	mm
10	Tilt - forward/backward	deg	
11	Length to fork face	in	mm
12	Width	in	mm
13	Mast height fork lowered	in	mm
14	Mast height fork raised	in	mm
15	Height - to top of overhead guard	in	mm
16	Height - with extended mast	in	mm
17	Minimum outside turning radius	in	mm
18	Rear overhang	in	mm
19	Load distance (Centerline of front axle to front face of forks)	in	mm
20	Minimum aisle - 90° stack - zero clearance w/o a load	in	mm
Performance			
21	Travel speed - loaded/empty	mph	km/h
22	Lift speed - loaded/empty	fpm	m/s
23	Lowering speed - loaded/empty	fpm	m/s
24	Maximum drawbar pull - full/no load	lb	N
25	Maximum gradeability - full load at 1mph	%	
26	Maximum gradeability - no load	%	
Weight			
27	Empty	lbs	kg
28	Axle load - with rated load front / rear	lbs	kg
29	Axle load - without load front/rear	lbs	kg
Chassis			
30	Tire Number - front/rear		
31	Tire size - front, standard duals	in	
32	Tire size - rear tires	in	
33	Wheel base	in	mm
34	Tread width - front, standard duals	in	mm
35	Tread width - rear tires	in	mm
36	Backrest height	in	mm
37	Overhead guard clearance	in	mm
38	Drawbar pin center height	in	mm
39	Floor Height	in	mm
40	Ground clearance - at lowest point at mast	in	mm
41	Ground clearance - at center of wheelbase	in	mm
42	Service brake		
43	Parking brake		
Powertrain			
44	Engine model		
45	Engine - continuous output S.A.E. gross	Hp	kW
46		at rpm	
47	Engine - maximum torque S.A.A. Gross	lb-ft	N-m
48		at rpm	
49	Number of cylinders		
50	Cylinder /displacement	cu in	L
51	Alternator output	amp	
52	Fuel tank capacity	US Gal	lit
53	Transmission - type		
54	Transmission - number of speeds forward/reverse		
55	Relief pressure for attachments	psi	MPa
56	Noise level - mean value at operator's ear Leq		dB(A)

DP60NH		DP70NH		DP80NH		DP100NH	
13,000	6,000	15,500	7,000	17,500	8,000	22,000	10,000
24	600	24	600	24	600	24	600
Diesel		Diesel		Diesel		Diesel	
Pneumatic		Pneumatic		Pneumatic		Pneumatic	
4x / 2		4x / 2		4x / 2		4x / 2	
DP60NH		DP70NH		DP80NH		DP100NH	
118	3,000	118	3,000	118	3,000	118	3,000
8.1	205	8.5	215	8.1	205	8.1	205
48.0 x 5.9 x 2.4	1220 x 150 x 60	48.0 x 5.9 x 2.8	1220 x 150 x 70	48.0 x 7.1 x 3.0	1220 x 180 x 75	48.0 x 7.1 x 3.0	1220 x 180 x 75
11.8/72.2	300/1835	11.8/72.2	300/1835	14.2 / 78.9	360/2005	15.9/84.4	405/2145
6 / 12		6 / 12		6 / 12		6 / 12	
139.2	3,535	141.7	3,600	155.1	3,940	167.5	4,255
78.5	1,995	78.5	1,995	85.2	2,165	88.4	2,245
98.4	2,500	98.4	2,500	106.3	2,700	112.2	2,850
174	4,420	174	4,420	174	4,420	170.5	4,330
96.5	2,450	96.5	2,450	100.8	2,560	100.8	2,560
174	4,420	174	4,420	174	4,420	170.5	4,330
130	3,300	132.3	3,360	143.7	3,650	153.5	3,900
27.6	700	30.1	765	29.9	760	28.9	735
24.2	615	24.6	625	28.3	720	28	710
212.4	5,395	214.8	5,455	227.2	5,770	236.6	6,010
DP60NH		DP70NH		DP80NH		DP100NH	
16.1 / 18.6	26 / 30	16.1 / 18.6	26 / 30	15.5 / 18.6	25 / 30	14.9 / 18.6	24 / 30
98.4 / 108.3	500 / 550	90.6 / 108.3	460 / 550	88.6 / 92.5	450 / 470	76.8 / 80.7	390 / 410
88.6 / 98.4	450 / 500	88.6 / 98.4	450 / 500	88.6 / 88.6	450 / 450	92.5 / 66.9	470 / 3340
12,100 / 4,960	53.9 / 22.1	11,900 / 4,850	52.9 / 21.6	12,900 / 6,150	57.3 / 27.4	12,900	57.3 / 31.4
33		29		27		22	
19		19		19		20	
DP60NH		DP70NH		DP80NH		DP100NH	
19,200	8,710	20,750	9,410	24,580	11,150	27,650	12,540
28,770 / 3,660	13,050 / 1,660	31,970 / 4,210	14,500 / 1,910	37,790 / 4,450	17,140 / 2,020	44,620 / 5,050	20,240 / 2,290
8,330 / 10,870	3,780 / 4,930	8,140 / 12,610	3,690 / 5,720	10,800 / 13,780	4,900 / 6,250	12,300 / 15,370	5,580 / 6,970
DP60NH		DP70NH		DP80NH		DP100NH	
4 / 2		4 / 2		4 / 2		4 / 2	
8.25 x 15-14 PR		8.25 x 15-14 PR		9.00 x 20 - 14PR		9.00 x 20 - 14PR	
8.25 x 15-14 PR		8.25 x 15-14 PR		9.00 x 20 - 14PR		9.00 x 20 - 14PR	
90.6	2,300	90.6	2,300	98.4	2,500	110.2	2,800
57.9	1,470	57.9	1,470	63	1,600	63	1,600
66.9	1,700	66.9	1,700	66.9	1,700	66.9	1,700
53.9	1,370	53.5	1,360	53.3	1,355		Without Backrest 1,100
43.3	1,100	43.3	1,100	43.3	1,100	43.3	1,100
16.5	420	16.5	420	22.4	570	22.4	570
36.6	930	36.6	930	40.9	1,040	40.9	1,040
7.5	190	7.5	190	9.6	245	9.6	245
9.1	230	9.1	230	13.2	335	13.2	335
Hydraulic Foot Pedal		Hydraulic Foot Pedal		Hydraulic Foot Pedal		Hydraulic Foot Pedal	
Mechanical Hand Lever		Mechanical Hand Lever		Mechanical Hand Lever		Mechanical Hand Lever	
DP60NH		DP70NH		DP80NH		DP100NH	
Isuzu 6BG1		Isuzu 6BG1		Isuzu 6BG1		Isuzu 6BG1	
114	83.8	114	83.8	117	86	117	86
2000		2000		2100		2100	
312	416.5	312	416.5	312	416.5	312	416.5
1500		1500		1500		1500	
6		6		6		6	
396.3	6,494	396.3	6,494	396.3	6,494	396.3	6,494
25		25		25		25	
37	140	37	140	37	140	37	140
Automatic Power Shift		Automatic Power Shift		Automatic Power Shift		Automatic Power Shift	
2 / 2		2 / 2		2 / 2		2 / 2	
2,844	200	2,844	200	2,844	200	2,844	200
85		85		85		85	



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NOTE: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications, or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your Cat lift trucks Dealer. Cat Lift Trucks follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

